Count in Fractions

Adult Guidance with Question Prompts

Children use their knowledge of quarters to count in fractions using picture representations and they predict what will come next in the sequence. Children could write the fractions as improper fractions or mixed numbers.

How many parts has each circle been split into?

Are they equal parts?

What fraction is shaded in each circle?

How many quarters are shaded in the first/second/third row?

In the fourth row, how many fractions are shaded?

How do we write four quarters?

What is four quarters equivalent to?

How many quarters make one whole?

In the fifth row, there are five quarters shaded. How will you write that as a fraction?

Is there more than one way?

Can the numerator be larger than the denominator in a fraction?

What would the next fraction in the sequence look like?

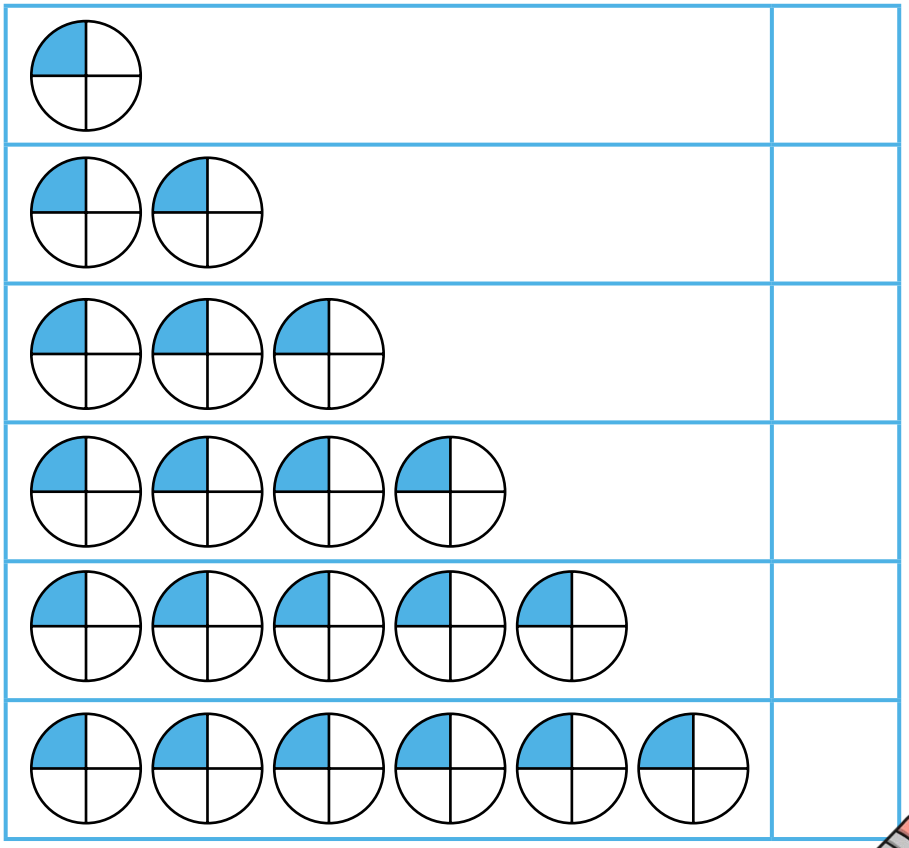
Can you draw the circles and shade the quarters?

How would we write that fraction?

Count in Fractions

How many shaded quarters?

Write your answers as fractions.



How many shaded quarters would 7 circles have?

Draw the next row and write the fraction.

twinkl.com

Count in Fractions

Adult Guidance with Question Prompts

Children use their knowledge of halves to compare two number lines, one written in mixed numbers and one in improper fractions. They reason whether they are both correct and explain why. They continue both number lines.

What do you notice about Jack's number line?

How has he written the numbers?

Has he done it correctly?

What do you notice about Lily's number line?

How is it the same as Jack's?

How is it different?

Are both number lines correct?

How do you know?

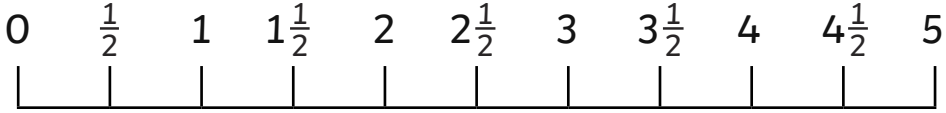
What would the next four numbers in each number line be?

Explain how you know?

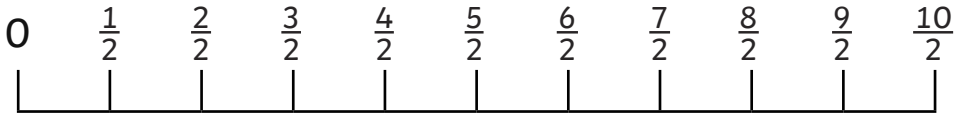
Count in Fractions

Jack and Lily have counted in halves. They have drawn these number lines.

Jack:



Lily:



Are they both correct?

How do you know?

What would the next 4 numbers on each number line be?

twinkl.com

Count in Fractions

Adult Guidance with Question Prompts

Children use their knowledge of halves to compare two number lines that count up in halves in different ways. They label a number line in thirds and use this to solve the problem. They may do this in mixed numbers or improper fractions. They create their own fraction problems in context.

How far does the frog jump each time?

How many parts has each log been split into?

Are they equal parts?

Can you label the number line?

Is there another way you can do it?

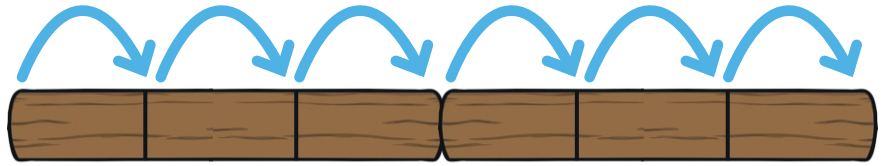
What number will you start with? Why?

What is the last fraction on the number line?

How would you write it as a whole number?

Count in Fractions

The frog jumps along the logs one third at a time.



How many thirds does he jump to get to the end?

How many whole logs does he jump along?

Can you make up your own fraction story like this?

twinkl.com